

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 November 2004 (18.11.2004)

PCT

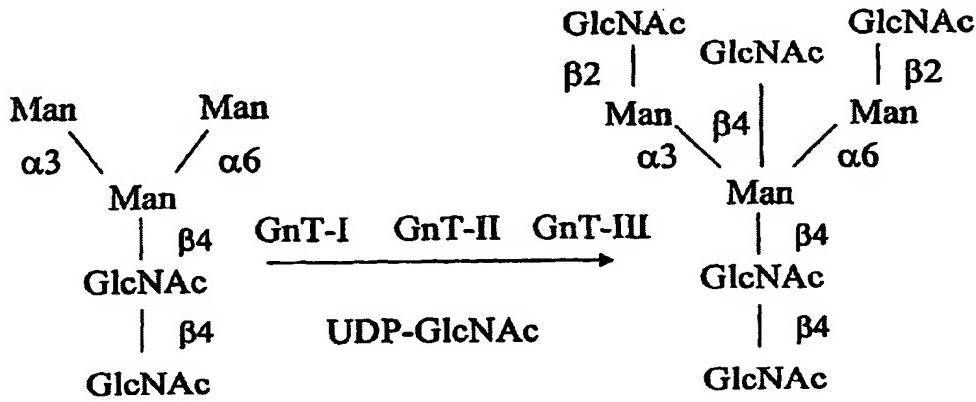
(10) International Publication Number
WO 2004/099231 A2

- (51) International Patent Classification⁷: C07K
- (21) International Application Number: PCT/US2004/011494
- (22) International Filing Date: 9 April 2004 (09.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- | | | |
|------------|---------------------------|----|
| 10/411,012 | 9 April 2003 (09.04.2003) | US |
| 10/411,026 | 9 April 2003 (09.04.2003) | US |
| 10/410,962 | 9 April 2003 (09.04.2003) | US |
| 10/411,049 | 9 April 2003 (09.04.2003) | US |
| 10/410,930 | 9 April 2003 (09.04.2003) | US |
| 10/410,897 | 9 April 2003 (09.04.2003) | US |
| 10/410,997 | 9 April 2003 (09.04.2003) | US |
| 10/411,044 | 9 April 2003 (09.04.2003) | US |
| 10/410,980 | 9 April 2003 (09.04.2003) | US |
| 10/410,945 | 9 April 2003 (09.04.2003) | US |
| 10/410,913 | 9 April 2003 (09.04.2003) | US |
| 10/411,037 | 9 April 2003 (09.04.2003) | US |
| 10/411,043 | 9 April 2003 (09.04.2003) | US |
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DE FREES, Shawn [US/US]; 126 Filly Drive, North Wales, PA 19454 (US). ZOPF, David [US/US]; 560 West Beechtree Lane, Wayne, PA 19087 (US). BAYER, Robert [US/US]; 6105 Dirac Street, San Diego, CA 92122 (US). BOWE, Caryn [US/US]; 310 Maple Avenue, Doylestown, PA 18901 (US). HAKES, David [US/US]; 14 Fern Avenue, Willow Grove, PA 19090 (US). CHEN, XI [CN/US]; 997 Hunter Lane, Woodland, CA 95776 (US).
- (74) Agents: DOYLE, Kathryn, J.D. et al.; Morgan, Lewis & Bockius, LLP, 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): NEOSE TECHNOLOGIES, INC. [US/US]; 102 Witmer Road, Horsham, PA 19044 (US).

[Continued on next page]

(54) Title: GLYCOPEGLYLATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE METHODS



Trimannosyl core

Trimannosyl core with
Bisecting GlcNAc